#12/A 38
1/28/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Rubin et al.

Serial No: 09/635,370

Filed: August 9, 2000

For: Methods and Reagents for Forming Pancreatic Tissue

Attorney Docket No. CIBT-P02-060

Art Unit: 1636

Examiner: K. Davis

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

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Karen DiRocco
Karen DiRocco

Assistant Commissioner of Patents
Washington, D.C. 20231

REPLY UNDER 37 CFR 1.111

Sir:

This amendment is being filed in reply to the outstanding Office Action, mailed July 30, 2001, in connection with the above application. Please enter the following amendments:

In the specification:

Please replace the second full paragraph on page 38 with:

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cDNAs from single cells were amplified according to Brady et al. (1993) and Dulac and Axel (1995). Single NACs were randomly picked and transferred into PCR tubes containing ice-cold lysis buffer. The first strand cDNA synthesis and subsequent PCR amplification were performed exactly as described (Dulac and Axel, 1995) except that the PCR reactions were performed in a total volume of 50 µl instead of 100 µl. The amplified cDNAs were electrophoresed on a 1% agarose gel and the size of DNA fragments ranged from 0.5 - 1 kb as expected. The aliquots of individual cDNAs were then analyzed for marker genes by PCR using specific PCR primers. The PCR reactions were run for 35 cycles each at 94 °C for 30 sec, 55 °C for 1 min, and 72 °C for 2 min. Amplimer sequences were: